

MONTEREY WEED-HOE

MSDS Number: LG00045

Issue Date: 3/97

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

MONTEREY WEED-HOE

EPA Reg. No. 50534-6-54705

Common Name:

Chemical Description: 6 lb./gal. Monosodium Acid Methanearsonate

TSCA/CAS No.:

The primary CAS number is 2163-80-6.

Manufactured For

Lawn & Garden Products, Inc.

P. O. Box 5317

Fresno, CA 93755

Emergency Phone Numbers

Emergency Telephone: DAYS: (209) 499-2100 EVES.: 435-2163

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RO (lbs)</u>
Monosodium Acid Methanearsonate	2163-80-6	48.3	N.E.*	N.P.*

* N.E. - Not established.

* N.P. - Not pertinent.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Odorless, clear, light yellow liquid. Noxious fumes may be emitted under fire conditions.
Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 1
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

- Eyes: Flush with plenty of water for at least 15 minutes. Seek medical attention immediately.
- Skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.
- Ingestion: Have conscious patient drink several glasses of water. Induce vomiting by having patient tickle back of throat with finger. Keep airway clear. Never give anything by mouth to an unconscious person. Seek medical attention.

Note to Physician: If ingested, gastric lavage may be indicated. Chelation therapy with BAL or D-penicillamine has been recommended in the literature for symptomatic arsenic poisoning. Persons allergic to penicillin that may suffer a reaction to D-penicillamine should be treated with BAL only.

- Inhalation: Remove victim to fresh air. Apply artificial respiration, preferably by mouth to mouth, if indicated.

SECTION 5. FIRE AND EXPLOSION HAZARDS

- | | |
|---|--|
| Flash Point: | Nonflammable. |
| Test Method: | Not pertinent. |
| LEL Flammable Limits: | Not pertinent. |
| UEL Flammable Limits: | Not pertinent. |
| Autoignition Temperature: | Nonflammable. |
| Flammability Classification: | Noncombustible. |
| Known Hazardous Products of Combustion: | None. |
| Properties that Initiate/Contribute to Intensity of Fire: | None. |
| Potential For Dust Explosion: | None. |
| Reactions that Release Flammable Gases or Vapors: | None known. |
| Potential For Release of Flammable Vapors: | None. |
| Unusual Fire & Explosion Hazards: | Noxious fumes may be emitted under fire conditions. |
| Extinguishing Media: | Dry foam or CO ₂ . Use of water or foam should be discouraged to prevent spreading of material. |
| Special Firefighting Procedures: | Stay upwind of smoke. Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff. |

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SECTION 6. SPILLS AND LEAKS

Containment: Prevent product spillage from entering drinking water supplies or streams.

Clean Up: Collect liquid or absorb onto absorbent material and package for disposal according to local, state and federal regulations.

Evacuation: Not necessary but restrict entry.

SECTION 7. STORAGE AND HANDLING

Storage: Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not contaminate water, food, feeds, seeds, fertilizers, insecticides or fungicides. Do not stack pallets more than two (2) high.

Transfer Equipment: Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

Work/Hygienic Practices: Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and domestic animals off treated areas until washed into the soil. Avoid contamination of feed or food products.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes: Chemical splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.

Skin: Long pants, long-sleeved shirt, impermeable gloves and shoes.

Respiratory: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).

Ventilation: Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Clear, light yellow liquid.
Odor:	None.
pH:	5.7 to 6.7
Vapor Pressure:	$< 7.5 \times 10^{-6}$ torr @ 25°C

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SECTION 9. PHYSICAL AND CHEMICAL DATA (Continued)

Vapor Density (Air = 1):	Not determined.
Boiling Point:	Not available.
Freezing Point:	0°F
Water Solubility:	Soluble.
Density:	12.6 lbs./gal.
Evaporation Rate (butyl acetate = 1):	Not determined.
Viscosity:	Not available.
% Volatile:	60%
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	Not available.
Incompatibility:	Contact with acids, nascent hydrogen and such metals as zinc, aluminum, copper and tin. Do not mix with other spray solutions without label clearance.
Hazardous Decomposition Products:	Arsenic, in the presence of acids and metals such as aluminum, zinc, copper and tin, can combine with nascent hydrogen to form arsine gas, which is a highly poisonous, colorless, nonirritating gas with a mild garlic odor.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:

Eyes:	May be slightly irritating to eyes. Although MSMA is non-irritating to the cornea, mild conjunctival irritation may persist for several days in unwashed eyes. Washing eyes immediately following exposure should prevent eye irritation.
Skin:	Mildly irritating to the skin following prolonged contact. LD ₅₀ (Rabbit): 4200 mg/kg.

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SECTION 11. POTENTIAL HEALTH EFFECTS (Continued)

Ingestion: Slightly toxic. Probable lethal dose in man is between 1 ounce and 1 pint of liquid. LD₅₀ (Rat): 1580 mg/kg.

Inhalation: May be lightly irritating to respiratory tract. Prolonged exposure might induce mild irritation of lungs in man, but recovery following exposure should be rapid. LC₅₀ (4Hr.) (Rat): > 20 mg/l.

Subchronic Effects: None known.

Chronic Effects: None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition: Not known.

Toxicity to Fish and Invertebrates: Not known.

Toxicity to Plants: Not known.

Toxicity in Birds: Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

D.O.T.: Not D.O.T. Regulated.

Other Shipping Description: Compounds, Tree or Weed Killing (Herbicide), Liquid.
(NMFC Item 50320, LTL Class 60)

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: Arsenic compounds (22.3%).

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SECTION 15. REGULATORY INFORMATION (Continued)

PROPOSITION 65 (CA): None.

SECTION 16. OTHER

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.
